

The FCC should reject deployment of BPL technology or at least delay its' acceptance pending additional study to insure that it will not cause harmful interference to existing licensed radio services using the High Frequency portion of the electromagnetic spectrum.

Implementation of BPL technology appears to have significant potential for causing harmful interference to existing licensed radio services using the High Frequency portion of the electromagnetic spectrum. There is also potential for licensed radio services operating in the High Frequency portion of the spectrum to cause unintended interference to BPL. The potential for interference exists because any unshielded conductor (includes power lines that would be used for access BPL) will radiate as well as pick up radio frequency energy in the frequencies used for access BPL operations. An unshielded conductor inadvertently becomes what is known as an "antenna" for the frequencies used by access BPL.

The FCC should also reject deployment of BPL technology because alternate equipment and technology (wireless) is currently available at comparable or lower cost to the consumer.